

**FORM PTO-1449 (MODIFIED)****LIST OF PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT**

Atty Docket No:  
Serial No:  
Applicant:  
Filing Date:  
Group:

1000 U.S. PTO  
09/575791  
05/22/00

**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS****EXAMINER**

| INITIAL | DOCUMENT NO | DATE     | NAME       | CLASS/SUBCLASS |         | IP APPROPRIATE |
|---------|-------------|----------|------------|----------------|---------|----------------|
|         |             |          |            | CLAS           | SUBCLAS |                |
| RL      | 5,448,753   | 09-05-95 | Ahl et al. |                |         | — —            |
| RL      | 5,313,461   | 05-17-94 | Ahl et al. |                |         | — —            |

**FOREIGN PATENT DOCUMENTS****EXAMINER****TRANSLATION**

| INITIAL | DOCUMENT NO | DATE | COUNTRY | CLASS/SUBCLASS | YES | NO |
|---------|-------------|------|---------|----------------|-----|----|
|         |             |      |         |                |     |    |

**OTHER DOCUMENTS****EXAMINER****INITIAL REF NO AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.**

RL Zandet et al., "Capacity of Time-Space Switched Cellular Radio Link Systems For Metropolitan Area Networks," IEE Proc., vol. 139, no. 5, Oct. 1992, pp. 533-538.

Examiner

Date Considered

DM/CS JDN1/23/02

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| REFERENCE DESIGNATION |             | U. S. PATENT DOCUMENTS |                 |                | FILING DATE<br>IF APPROPRIATE |  |
|-----------------------|-------------|------------------------|-----------------|----------------|-------------------------------|--|
| EXAMINER<br>INITIAL   | DOCUMENT NO | DATE                   | NAME            | CLASS/SUBCLASS |                               |  |
| <u>TJ</u>             | 5,274,844   | 12-28-93               | Harrison et al. | —              | —                             |  |
| <u>TJ</u>             | 5,448,754   | 11-09-93               | Ho et al.       | —              | —                             |  |
| <u>TJ</u>             | 5,260,968   | 11-09-93               | Gardner et al.  | —              | —                             |  |
| <u>TJ</u>             | 5,157,709   | 10-20-92               | Ohteru          | —              | —                             |  |
| <u>TJ</u>             | 5,093,927   | 03-03-92               | Shanley         | —              | —                             |  |
| <u>TJ</u>             | 4,780,721   | 10-25-88               | Dobson          | —              | —                             |  |

  

| FOREIGN PATENT DOCUMENTS |                |          |               |                |                            |
|--------------------------|----------------|----------|---------------|----------------|----------------------------|
| EXAMINER<br>INITIAL      | DOCUMENT NO    | DATE     | COUNTRY       | CLASS/SUBCLASS | TRANSLATION<br>YES      NO |
| <u>TJ</u>                | WO 96 22662    | 07-25-96 | Arraycomm.    | —              | —                          |
| <u>TJ</u>                | GB 2 285 900 A | 07-26-95 | Motorola      | —              | —                          |
| <u>TJ</u>                | EP 0 648 028 A | 04-12-95 | NEC           | —              | —                          |
| <u>TJ</u>                | DE 42 15 287 A | 11-11-93 | AEG Mobile    | —              | —                          |
| <u>TJ</u>                | EP 0 458 158 A | 11-27-91 | Motorola      | —              | —                          |
| <u>TJ</u>                | EP 0 458 768 A | 11-27-91 | Ericsson      | —              | —                          |
| <u>TJ</u>                | WO 91 09474    | 06-27-91 | Northern Tel. | —              | —                          |

  

| OTHER DOCUMENTS     |        |  |  |  |  |
|---------------------|--------|--|--|--|--|
| EXAMINER<br>INITIAL | REF NO | AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.   |  |  |  |
| <u>TJ</u>           | 1.     | Patent Abstracts of Japan, Pub. No. 07030954, Pub. Date Jan. 31, 1995 to Fujitsu Ltd.;   |  |  |  |
| <u>TJ</u>           | 2.     | Van Veen et al., "Beamforming: A Versatile Approach to Spatial Filtering," IEEE Acoustics, Speech and Signal Processing Magazine, US, IEEE, Inc., vol. 5, no. 2, 04-01-88, pp. 4-24. |  |  |  |

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